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### The EU-AIMS Longitudinal European Autism Project (LEAP)

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**Supplementary Table 2** Predicted effect of age and IQ on parent-and self-report ASD measures

Variable	Chronological age					Intellectual functioning				
	b	SE(b)	T	p-value	95% CI	b	SE(b)	t	p-value	95% CI
<b>Parent-report (all age groups)</b>										
SRS-2 T-score <sup>a</sup>	-.815	.098	8.31	< .001	[-1.01, -.62]	-.160	.027	5.84	< .001	[-.21, -.11]
SRS-2 Raw <sup>a</sup>	.234	.326	0.72	.472	[-.40, .87]	-.692	.086	8.04	< .001	[-.86, -.52]
RBS-R <sup>ac</sup>	-.050	.009	5.99	< .001	[-.02, -.01]	-.010	.001	4.42	< .001	[-.02, -.01]
SSP <sup>ac</sup>	.01	.010	6.15	< .001	[.01, .02]	.010	.001	3.05	.002	[.01, .02]
<b>Parent-report (children &amp; adolescents only)</b>										
CSBQ <sup>a</sup>	-.397	.380	1.05	.296	[-1.14, .35]	-.164	.060	2.74	.006	[-.28, -.05]
<b>Parent-report (children-only)</b>										
AQ <sup>a</sup>	1.94	1.20	1.62	.106	[-.41, 4.29]	.215	.116	1.85	.064	[-.01, .44]
<b>Parent-report (adolescents-only)</b>										
AQ <sup>a</sup>	.780	.541	1.44	.149	[-.28, 1.84]	.127	.078	1.62	.105	[-.03, .28]
<b>Parent-report (adults-only)</b>										
ASBQ <sup>a</sup>	.032	.378	0.09	.931	[-.71, .77]	-.393	.058	6.81	< .001	[-.51, -.28]
<b>Self-report (adults-only)</b>										
SRS-2 T-score <sup>b</sup>	.344	.155	2.22	.027	[.04, .65]	-.026	.047	0.55	.585	[-.12, .08]
SRS-2 Raw <sup>b</sup>	.289	.382	0.75	.450	[-.46, 1.04]	-.372	.121	3.07	.002	[-.61, -.13]
ASBQ <sup>b</sup>	1.03	.418	2.46	.014	[.21, 1.85]	-.180	.093	1.98	.048	[-.37, -.01]
AQ <sup>b</sup>	1.42	.512	2.77	.006	[.41, 2.42]	-.057	.11	0.51	.613	[-.28, .16]

Note: b = regression coefficient, SE(b) = standard error of regression coefficient, t = t-statistic, 92% CI = 95% Confidence Interval of regression coefficient

SRS-2 = Social Responsiveness Scale – 2; CSBQ, ASBQ = Children's Social Behaviour Questionnaire (administered to children and adolescents), Adults' Social Behaviour Questionnaire (administered to adults); RBS-R = Repetitive Behavior Scale – Revised; SSP = Short Sensory Profile; AQ = Autism Spectrum Quotient (children, adolescents or adult version)

<sup>a</sup> Parent-report; <sup>b</sup> Self-report; <sup>c</sup> log-transformed ps only